

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number  
**WO 2005/084654 A3**

(51) International Patent Classification<sup>7</sup>: **A61K 31/00**,  
31/635, 31/415, 45/06, A61P 25/00, 25/18, 25/22, 25/24

(21) International Application Number:  
PCT/US2005/006818

(22) International Filing Date: 2 March 2005 (02.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/549,281 2 March 2004 (02.03.2004) US

(71) Applicant (for all designated States except US): **PHARMACIA CORPORATION** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MI 63017-1732 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **STEPHENSON, Diane** [US/US]; 1532 Drayton Court, Portage, MI 49002 (US). **TAYLOR, Duncan, P.** [US/US]; 8722 West F Avenue, Kalamazoo, MI 49009 (US).

(74) Agents: **DAVIS, James, E.** et al.; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme, Suite 400, Clayton, MO 63105 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:  
17 November 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS AND COMPOSITIONS FOR TREATING OR PREVENTING PSYCHIATRIC DISORDERS WITH COX-2 INHIBITORS ALONE AND IN COMBINATION WITH ANTIDEPRESSANT AGENTS

(57) Abstract: The present invention relates to a novel method of treating and/or preventing psychiatric disorders in a subject by administering to the subject at last one Cox-2 inhibitor alone or in combination with one or more antidepressant agents. Compositions, pharmaceutical compositions and kits are also described.



WO 2005/084654 A3